



Giga-Joule

Greenville Chapter

September, 2008

<http://www.ashrae4greenville.com/newsletter.php>

Meeting Announcement

The September meeting will be held on Thursday, September 11th at the Roper Mountain Science Center. The details are listed on the Programs Page. For more information, please contact our Programs Chairman, Davin Sandhu, by phone at 864-234-3819 or, email at programs@ashrae4greenville.com

A Message from the President

My name is Will Thomason and I am the new President of the Greenville ASHRAE Chapter. I want to introduce myself to those of you who do not yet know me. I am employed by James M. Pleasants Co. here in Greenville as a salesman. I have been with the company for a little over three years and I look forward to meeting you and serving as your President.



We have an exciting list of speakers that are going to be presenting this year at our chapter meetings. If you have any comments or suggestions, please let anyone of the board members know because we are always looking for new ideas and suggestions. We will be having our meetings at the Roper Mountain Science Center again this year and the first meeting will be on Sept. 11 at 11:30-1:00. Please come and bring one of your cohorts. Our meetings will be eligible for professional development hours (PDH) and we pass out certificates. The cost of lunch is \$10 for the September meeting.

Please come and support our local chapter in the HVAC&R market that we so dearly love. I look forward to seeing everyone there on Sept. 11th.

This years officers:

President:	Will Thomason
Vice-President:	Karl Counts
President-Elect:	Davin Sandhu
Treasurer:	Rodney Hinton
Secretary:	Manuel del Valle
Governor:	Paul Jensen
Governor:	Bill Knight
Governor:	Carroll Suttles

This years Committee Chairmen:

Programs:	Davin Sandhu
Membership:	Dorothy Bertolini
Research:	Brian Alexy
Chapter Technology:	Devon Cortright
Student Activities:	Hamp Crow

Call or email me with any comments or suggestions. I am always open to new ways to improve the ASHRAE experience for our members

Will Thomason
Greenville Chapter President
president@ashrae4greenville.com

Chapter Programs



Davin Sandhu
Programs Chairman
programs@ashrae4greenville.com

My name Davin Sandhu and I am the new Programs Chair for the Greenville ASHRAE Chapter. We have all the dates set for the events. Please notice that our February meeting has changed from a Thursday to a Wednesday of the Second Week. This is to cater to our Distinguished Lecturer, Essam Eldin Khalil, Ph.D., that will be coming all the way from Cairo, Egypt. This meeting may also run into a dinner depending on Dr. Khalil's schedule.

The Programs Committee is continually brainstorming for future program ideas. The winter and spring still have some open dates available.

- Has a recent magazine article piqued your curiosity on a new technology or application?
- Do you have a need for specific training?
- Would you like a full or half day seminar on a technical issue?

I would really like to hear your suggestions and extend the offer to join the Programs Committee. Besides proposing meeting subject matter, committee members receive the opportunity to review the suggestions of others and vote on which topics are selected. This is a great way for you to make yourself heard.

September Meeting

Program: Seismic Considerations when Piping and Selecting Inline and Base Mounted Pumps

Presenter: Harry King

For our September meeting, Harry King of James M. Pleasants Co. will be speaking about the seismic considerations when designing piping and pumps. Harry King has been in the Hydronics business for over 50 years and has worked at all different levels in the trade. Harry is a past President of the original ASHRAE South Carolina Chapter, and now spends his time teaching and conducting seminars to contractors, engineers and owners on hydronic systems.

Location: Roper Mountain Science Center (www.ropermountain.org)

Date: Thursday, September 11, 2008

Time: 11:30 a.m. Doors Open
11:35 a.m. Lunch Served
11:45 a.m. to 12:00 p.m. Chapter Business
12:00 a.m. to 1:00 p.m. Main Program

Cost: \$10/person (includes a catered lunch) Guests are welcome!
Read about our new lunch packages in the Membership Corner

Education

Credit: This program qualifies for 1.0 PDH (including NC PE)

*Please RSVP to programs@ashrae4greenville.com
no later than Noon Tuesday, September 9, 2008*

Membership Corner

As we start a new year, think about how ASHRAE and your membership in ASHRAE have benefited you in your career. Think about it – how has ASHRAE benefited you? You may not have given the question much thought, but the following people on the Membership Committee were asked this question and here are some of the answers:

- Chris Edmondson – “Networking and speaking / meeting skills.”
- Billy Austin – “Getting to know the most important people in HVAC” and “Giving back – adding to those who made my career possible”.
- Isabelle Lavoie, Region II – “Helped me make and develop very good durable business relationships”.
- Scott Blackmore, Region VI – “Developing a network of individuals all over the world who I can call on to discuss / help solve problems” and “ASHRAE is the premier source for technical information in our industry”.



Dorothy Bertolini
Membership Chair
membership@ashrae4greenville.com

Are you getting all this out of ASHRAE?

Do you know what ASHRAE is doing now and where ASHRAE is going? Do you know the stated goals of ASHRAE. Did you know that ASHRAE:

- Will lead in the advancement of sustainable building design and operations.
- Will be a world class provider of education and certification programs. (Healthcare design is available now).
- Will position itself as a premier provider of HVAC&R expertise.
- Will be a global leader in the HVAC&R community.

Are you getting all this out of your ASHRAE membership? If someone at work tells you they aren't a member of ASHRAE and ask you why should they join – this is why. If you are in this industry, you should be associated with the leader! Look at all you can get out of ASHRAE.

ASHRAE is about energy efficiency and sustainable building design.

- “Overshadowing everything else is the question of conservation of natural resources. For how much longer are we going to waste resources to save first-cost only of buildings?”
by S.R. Lewis

You may not remember S.R. Lewis. He was President of ASHVE, not ASHRAE and he wrote this statement in 1914!!!

I think we have procrastinated long enough - it's time we got moving in the right direction! ASHRAE is going in the right direction and has some very good answers to the hard questions about energy and good buildings.

Wow!! Are you are getting everything out of your ASHRAE membership? It's there for you – show up, bring your friends; all of ASHRAE is available to you!!

Chapter Technology Transfer:

2006 Code Changes

2006 Code Changes

On July 1, 2008 the 2006 International Building Codes went into effect in South Carolina. The list below includes a brief description of some of the changes from the 2006 International Mechanical Code. The list is incomplete and I have liberally paraphrased sections. Please review the new code in detail.

307.2.3 and 307.2.3.1 Water level detection devices are required in some types of air conditioning equipment.

403.2 An exception has been added to allow for alternate outdoor air ventilation rates when designed by a professional engineer and the alternate system can demonstrate that maximum levels of contaminants will not be exceeded.

501.2 Exhaust Discharge. A number of paragraphs have been added defining the acceptable locations for the termination of exhaust systems.

506.3.3.1 Grease duct test. Testing of grease ducts in the presence of the code official is now required prior to concealing the duct.

506.3.4 The minimum velocity of air in grease ducts has been reduced to 500 fpm from 1500 fpm.

507.2.1.1 Type I hood systems (grease hoods and ducts) shall be interlocked with the cooking appliance and start automatically when the cooking appliance is being used.

601.3 (Renumbered) Exits. A number of paragraphs have been added describing the allowed location and function of ventilation equipment serving exit enclosures, such as stair towers.

603.9 Extensive revisions to the sealing requirements for ducts.



Devon Cortright PE
Chapter Technology
Transfer Chairman
ctt@ashrae4greenville.com

Research Promotion

Go ahead and mark your calendars! The **ASHRAE Fall Golf Tournament** will be held on **Thursday, October 23, 2008**. The location is not set yet but the planning is under way.

Working as the research promotion chair for the second year, I am looking forward to another great year.



Brian Alexy
Research Chairman
rp@ashrae4greenville.com

Tentative Event Dates for 2008-2009

Thursday 09/11/2008	Seismic design of pumps	Harry King James M. Pleasants
Thursday 10/09/2008	Tentative LEED presentation at OS/1 – LEED Silver Building	TBD
Thursday 10/23/2008	Fall Golf Tournament	Golf Club TBD
Thursday 11/13/2008	Mediation and Arbitration	Skip Lewis H2L Consulting Engineers
Thursday 12/11/2008	TBD	
Thursday 01/08/2009	TBD	
Wednesday 02/11/2009	Issues for International Collaboration OR Air Flow, Thermal and Humidity Patterns in Ventilated Archaeological Tombs, Valley of the Kings, Luxor	Cairo Distinguished Lecturer Essam Eldin Khalil, Ph.D
Thursday 03/12/2008	TBD	
Thursday 04/16/2009	TBD	
Wednesday 04/22/2009	Satellite Broadcast: Indoor Air Quality	
Thursday 05/14/2009	TBD	



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Region IV
Greenville Chapter